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| Title: | How to View serial port information by SSH | Version: | v1.0 | Date: | 10/15/2018 |
| Product: | AX Series Wireless Security Control Panel | | | Page: | 1 of 7 |

Preparation

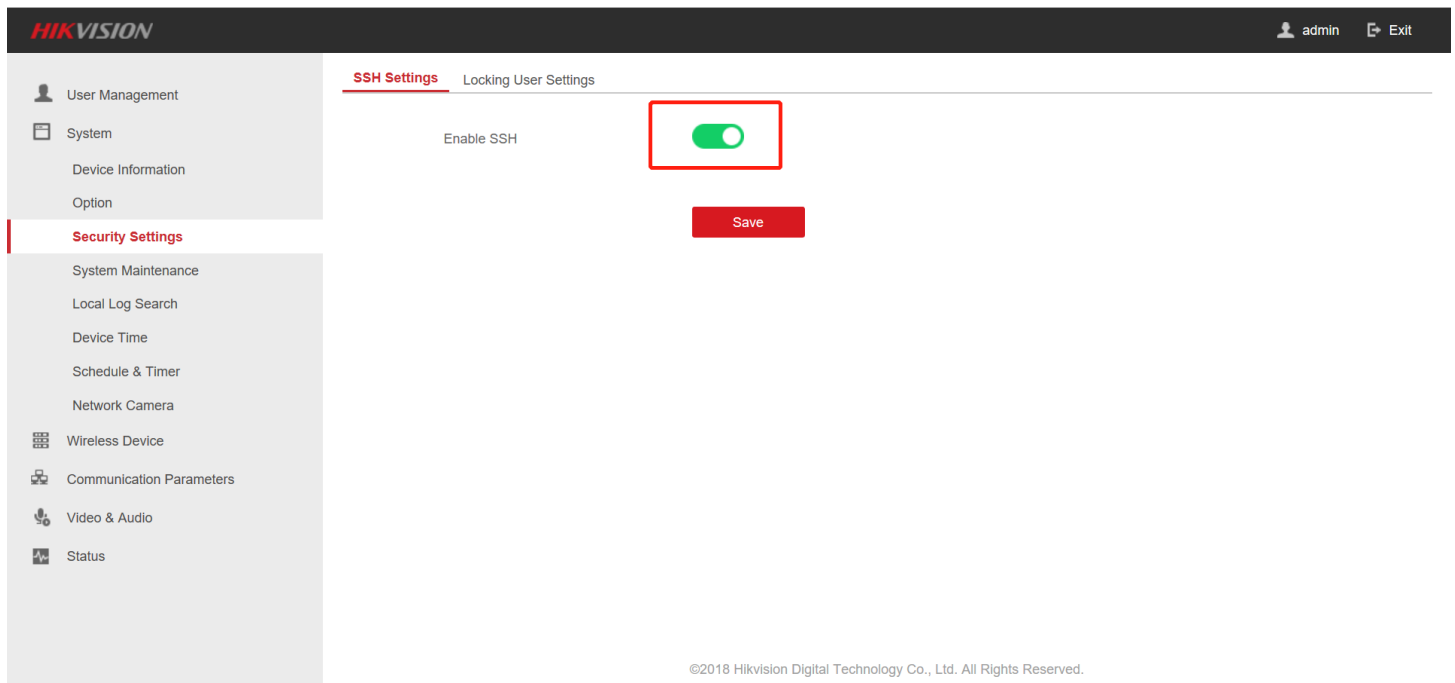
1. AX Series Wireless Security Control Panel, V1.0.0 or above
2. Internet Explorer or iVMS-4200 (2.7.3.8)
3. Software: SecureCRT

How to View serial port information by SSH

You can enable or disable SSH (Secure Shell) according to your actual needs. You can check serial port information by SSH.

1. Enable SSH

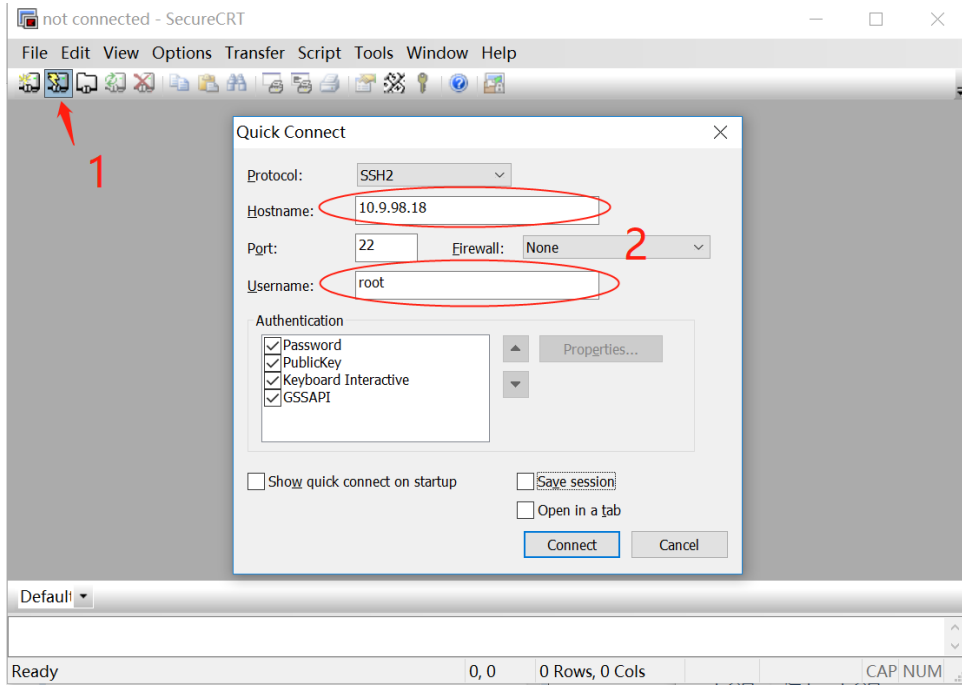
Click **System** → **Security Settings** → **SSH Settings** to enter the SSH Settings page and you can enable or disable the SSH function.



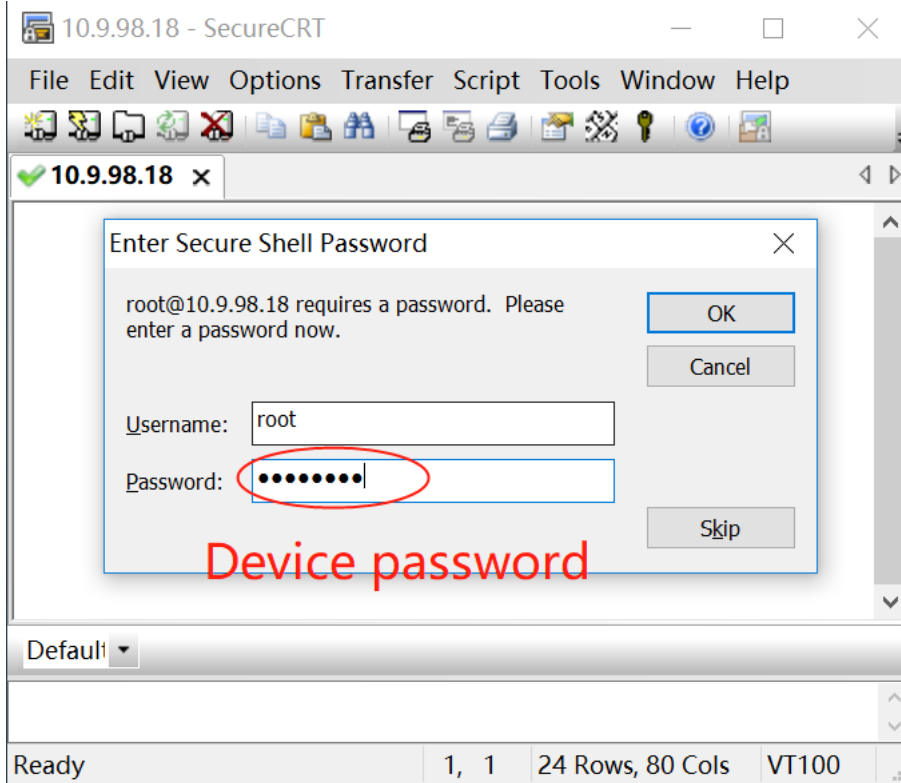
2. Connect device and set log file

- 1) Open software: **SecureCRT**.
- 2) Click **Quick Connect**.
- 3) Add device IP to **Hostname**, “root” to **Username**, click connect.

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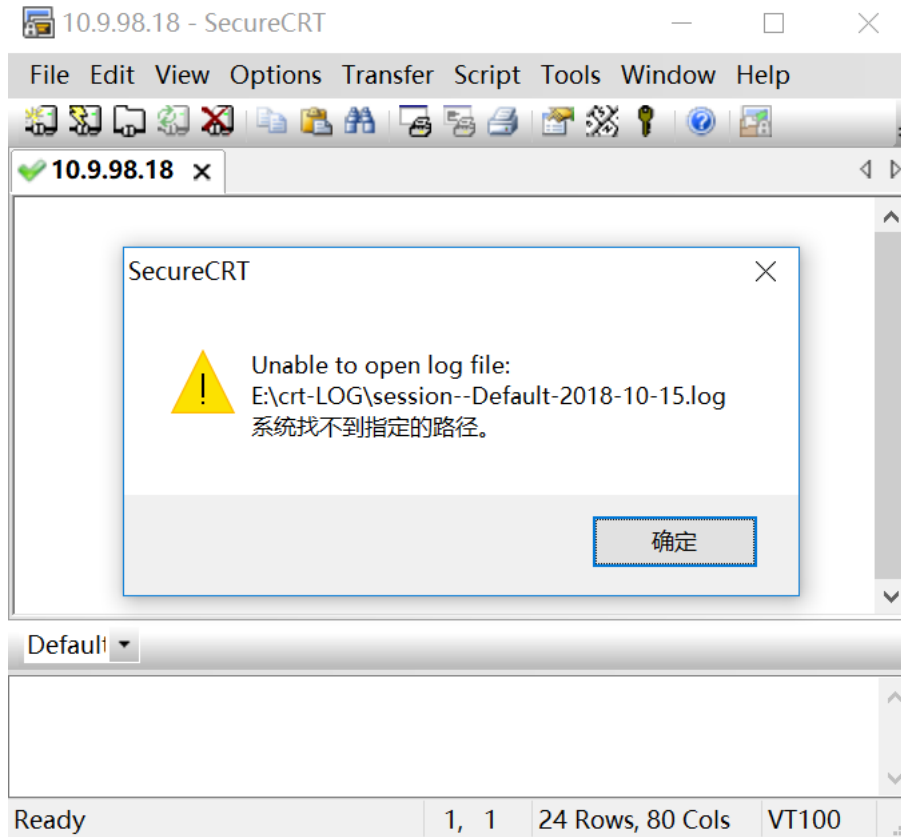


4) Then add **Device Password**, click OK.

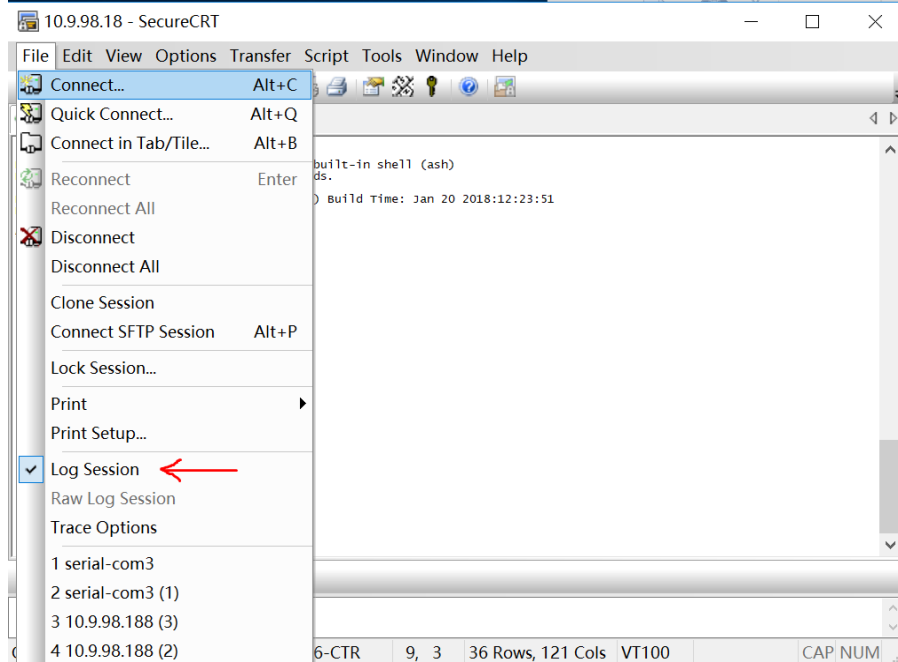


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- 5) If shows unable to open log file, you need change your log file address. Or click **Options** → **Session Options** → **Log File**. Set right **log file name** and **custom log data**.



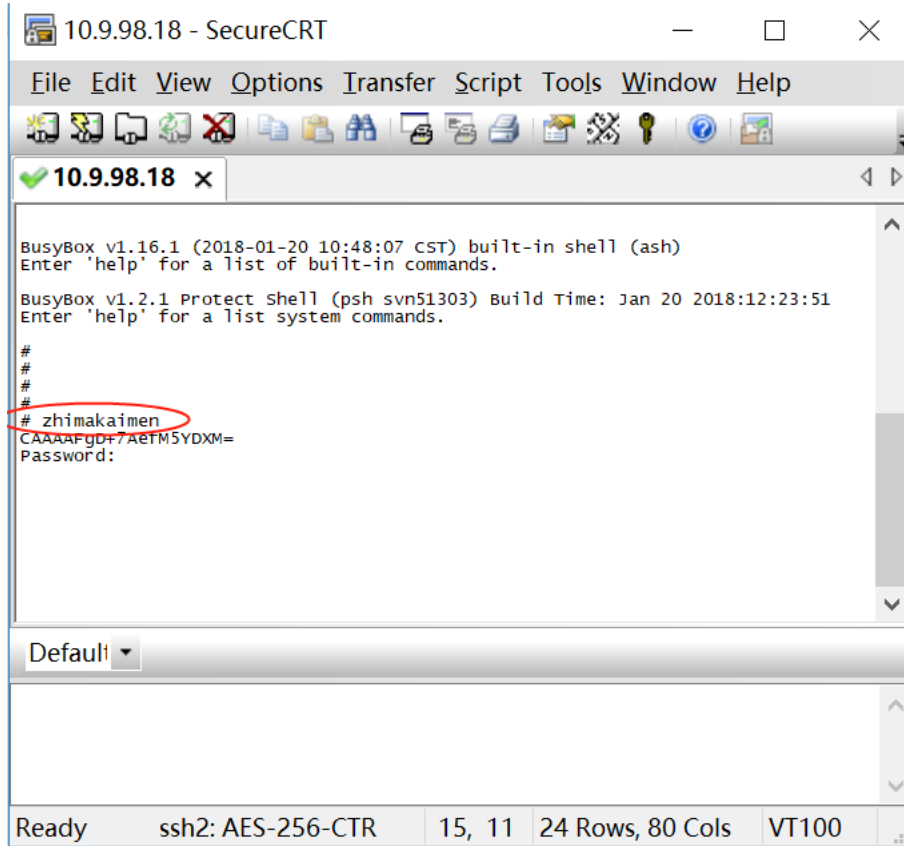
- 6) After setting, check **File** → **Log Session** has ticked.



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3. View serial port information

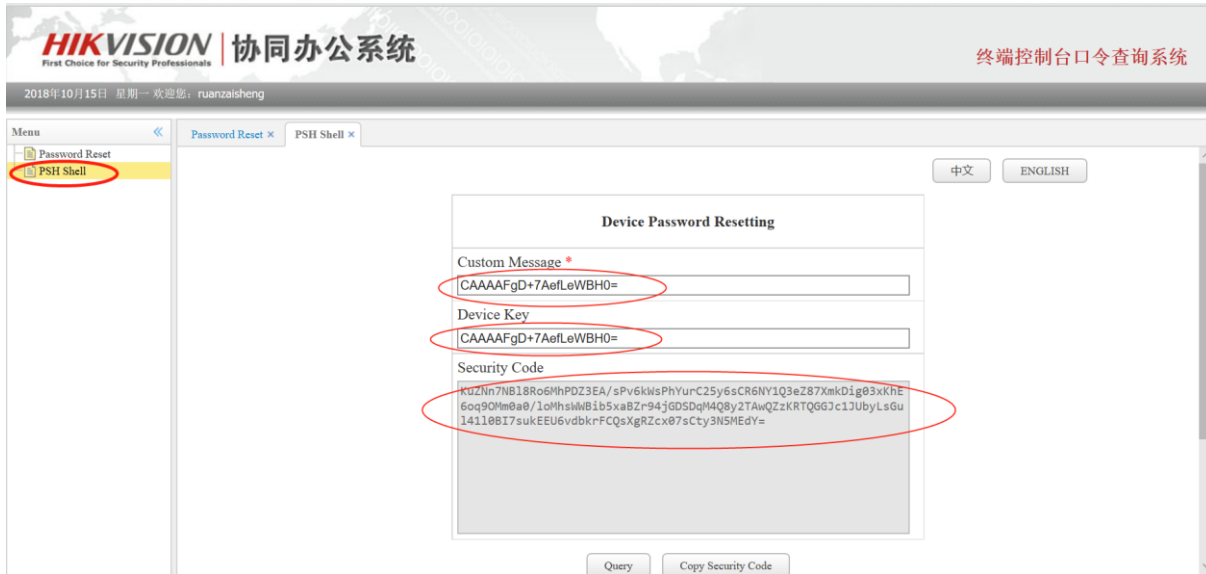
1) Input "zhimakaimen" and press enter key, get a string of characters, show as below.



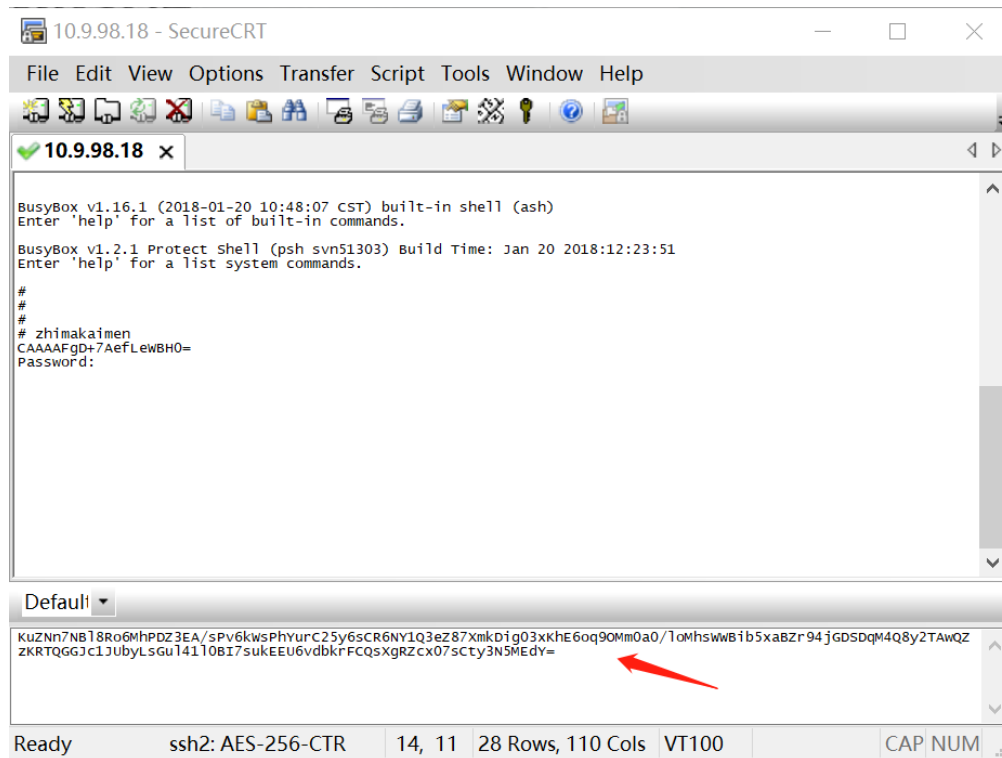
2) Copy the string of characters, get password on OA (customer need give our engineer), show as below.



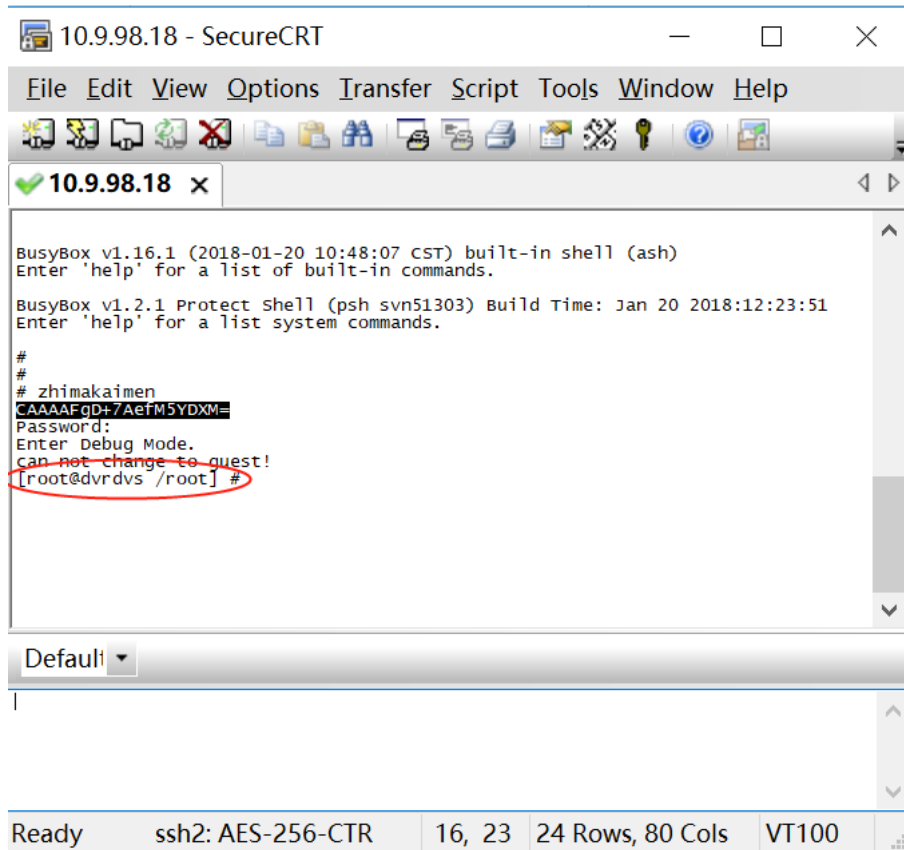
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- 3) Input password (Security Code) and press enter key. After show “root@dvrds/root” means now you are in root mode.



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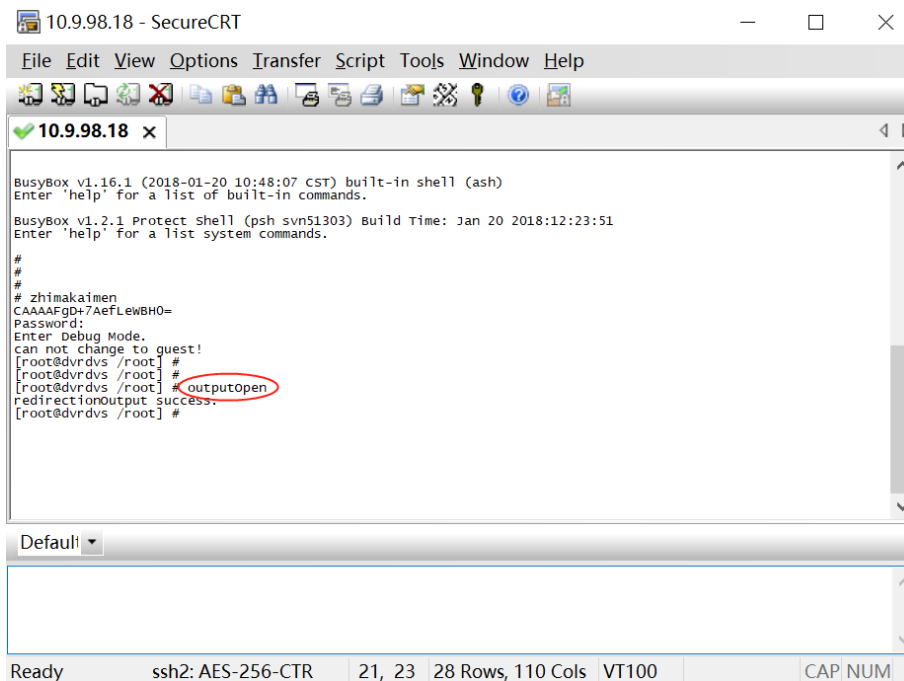


```
10.9.98.18 - SecureCRT
File Edit View Options Transfer Script Tools Window Help
10.9.98.18 x
BusyBox v1.16.1 (2018-01-20 10:48:07 CST) built-in shell (ash)
Enter 'help' for a list of built-in commands.

BusyBox v1.2.1 Protect Shell (psh svn51303) Build Time: Jan 20 2018:12:23:51
Enter 'help' for a list system commands.

#
#
# zhimakaimen
CAAAAFgD+7AeTM5YDXM=
Password:
Enter Debug Mode.
can not change to guest!
[root@dvr dvs /root] #
```

4) Input “ **outputOpen** ”, then start get serial port information by SSH.



```
10.9.98.18 - SecureCRT
File Edit View Options Transfer Script Tools Window Help
10.9.98.18 x
BusyBox v1.16.1 (2018-01-20 10:48:07 CST) built-in shell (ash)
Enter 'help' for a list of built-in commands.

BusyBox v1.2.1 Protect Shell (psh svn51303) Build Time: Jan 20 2018:12:23:51
Enter 'help' for a list system commands.

#
#
# zhimakaimen
CAAAAFgD+7AeFlewBHO=
Password:
Enter Debug Mode.
Can not change to guest!
[root@dvr dvs /root] #
[root@dvr dvs /root] #
[root@dvr dvs /root] # outputOpen
redirectionOutput success.
[root@dvr dvs /root] #
```



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